



National Center for
Research Resources

NATIONAL INSTITUTES OF HEALTH

Accelerating and enhancing research from basic discovery to improved patient care

Fostering Collaborative Community-Based Clinical and Translational Research

**NIH Extramural Associates Program
Technical Assistance Seminar
November 2-3, 2007**

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Health Scientist Administrator
National Center for Research Resources**



National Center for Research Resources

Accelerating research from basic discovery to improved patient care

science
education



community
engagement



animal
model
resources

Community

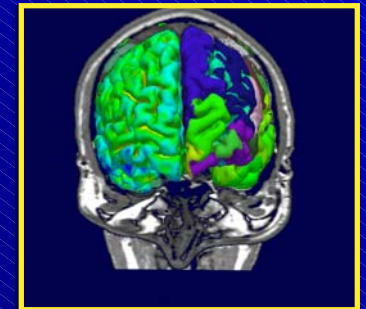
research
capacity
&
training



clinical
research
support



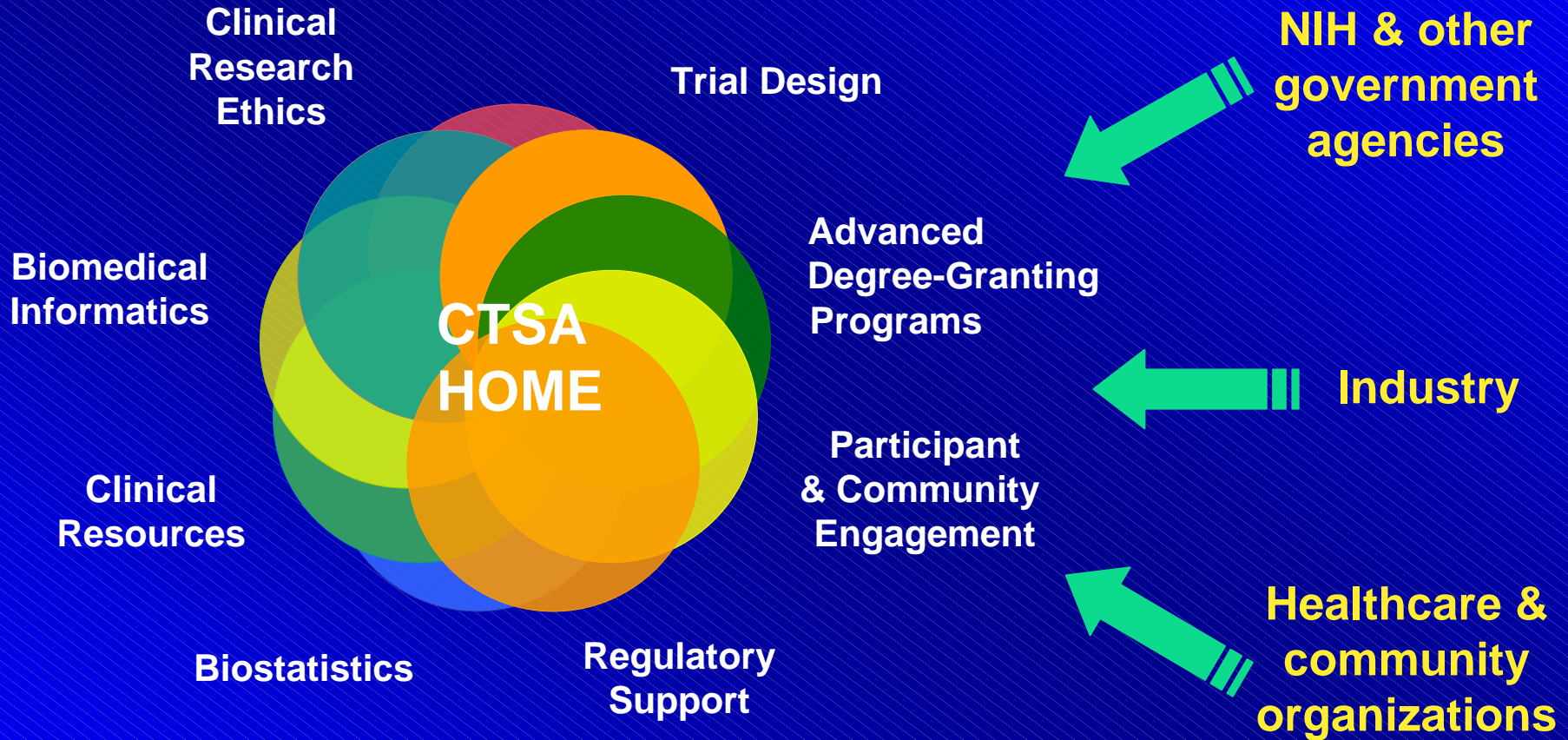
Pre-clinical



imaging &
informatics
advances

Clinical

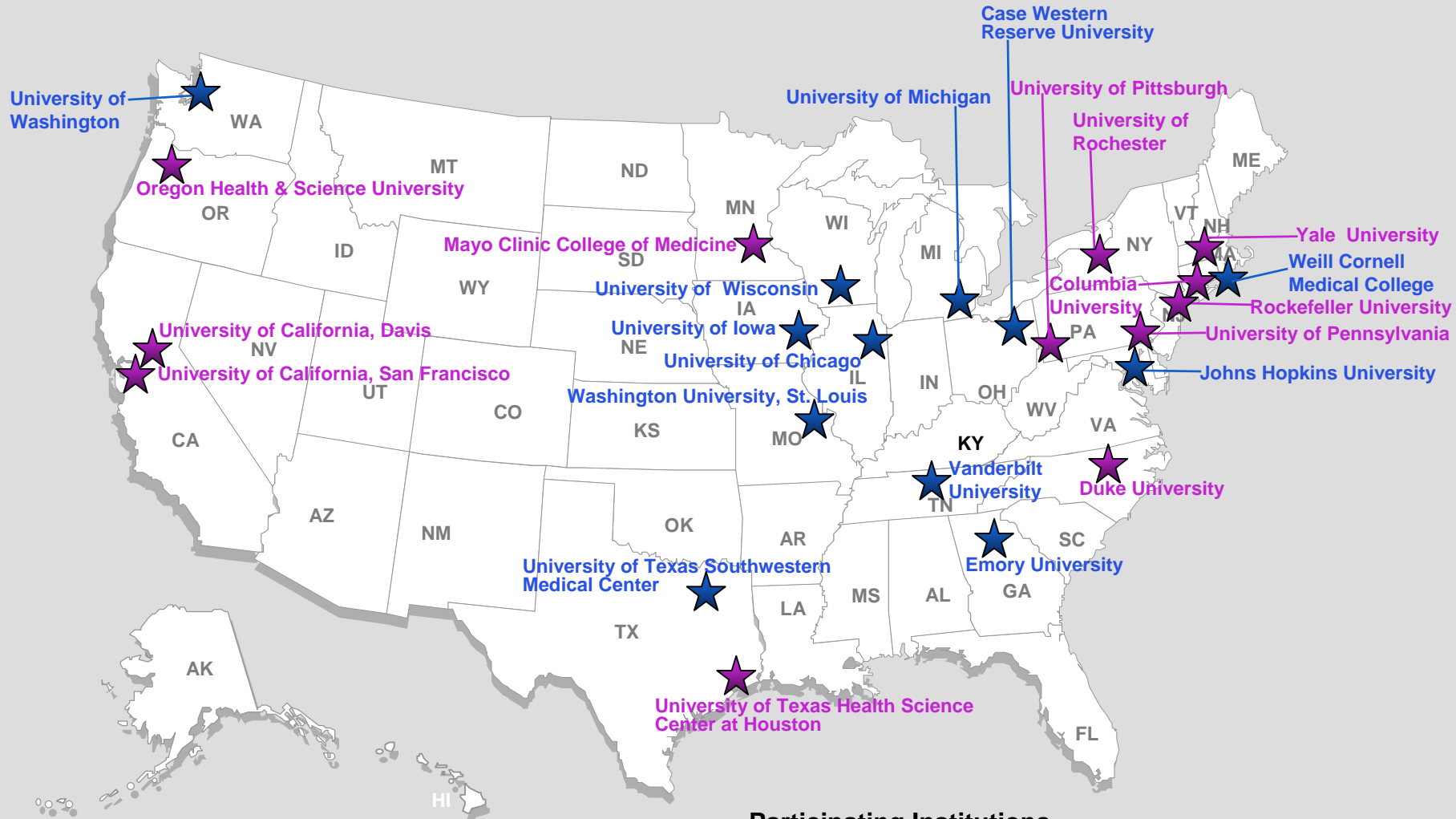
Clinical and Translational Science Awards (CTSA)



Creating academic homes for clinical & translational science

<http://www.ctsaweb.org/>

Building a National CTSA Consortium



Participating Institutions

★ Since 2006

★ Since 2007

CTSA Community Engagement Activities – Supplement Awards

- Purpose: Test the National Clinical Research Associates concept of recruiting and supporting practitioners to engage in community-based clinical research
- Pilot projects sites
 - Columbia University Medical Center
 - Duke University
 - Mayo Clinic College of Medicine
 - University of Rochester Medical Center
- Projects focus on health needs identified by diverse communities through interviews and surveys

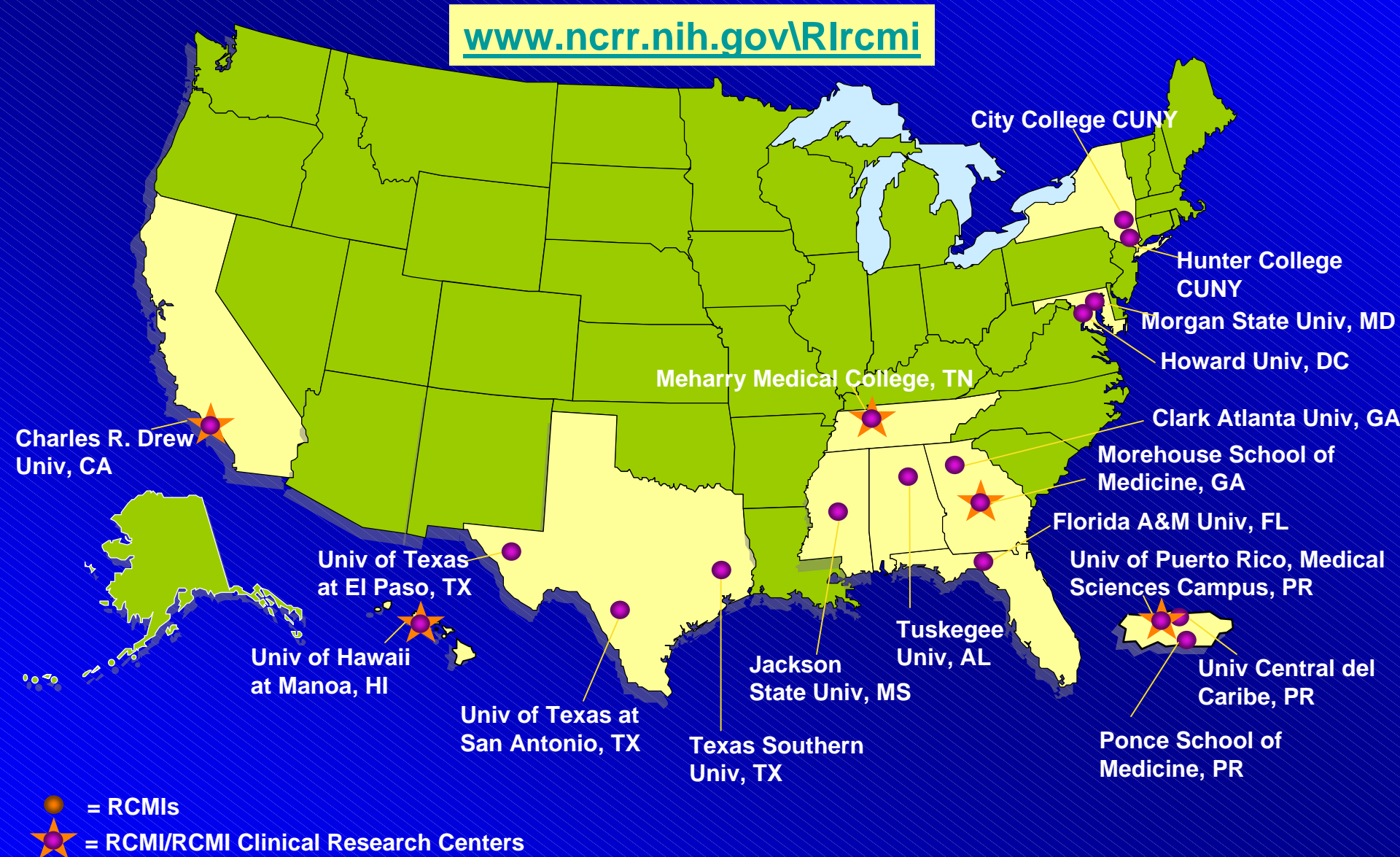
Beyond the CTSA Consortium: Opportunities for Community Engagement



Research Centers in Minority Institutions

18 Centers in 10 States, the District of Columbia, and Puerto Rico

www.ncrr.nih.gov/RLrcmi



RCMI Comprehensive Centers on Health Disparities

<http://grants.nih.gov/grants/guide/rfa-files/RFA-RR-03-004.html>

Charles R. Drew University

Focus: Chronic Kidney Disease and Diabetes

- Developed a nurse-directed diabetes management program in which specially-trained nurses provide care and teach self-care to inner city populations
- Resulted in significantly fewer urgent/emergency room visits and hospitalizations*
- Provided an approach to lower the risk of diabetes among African Americans with hypertensive kidney disease

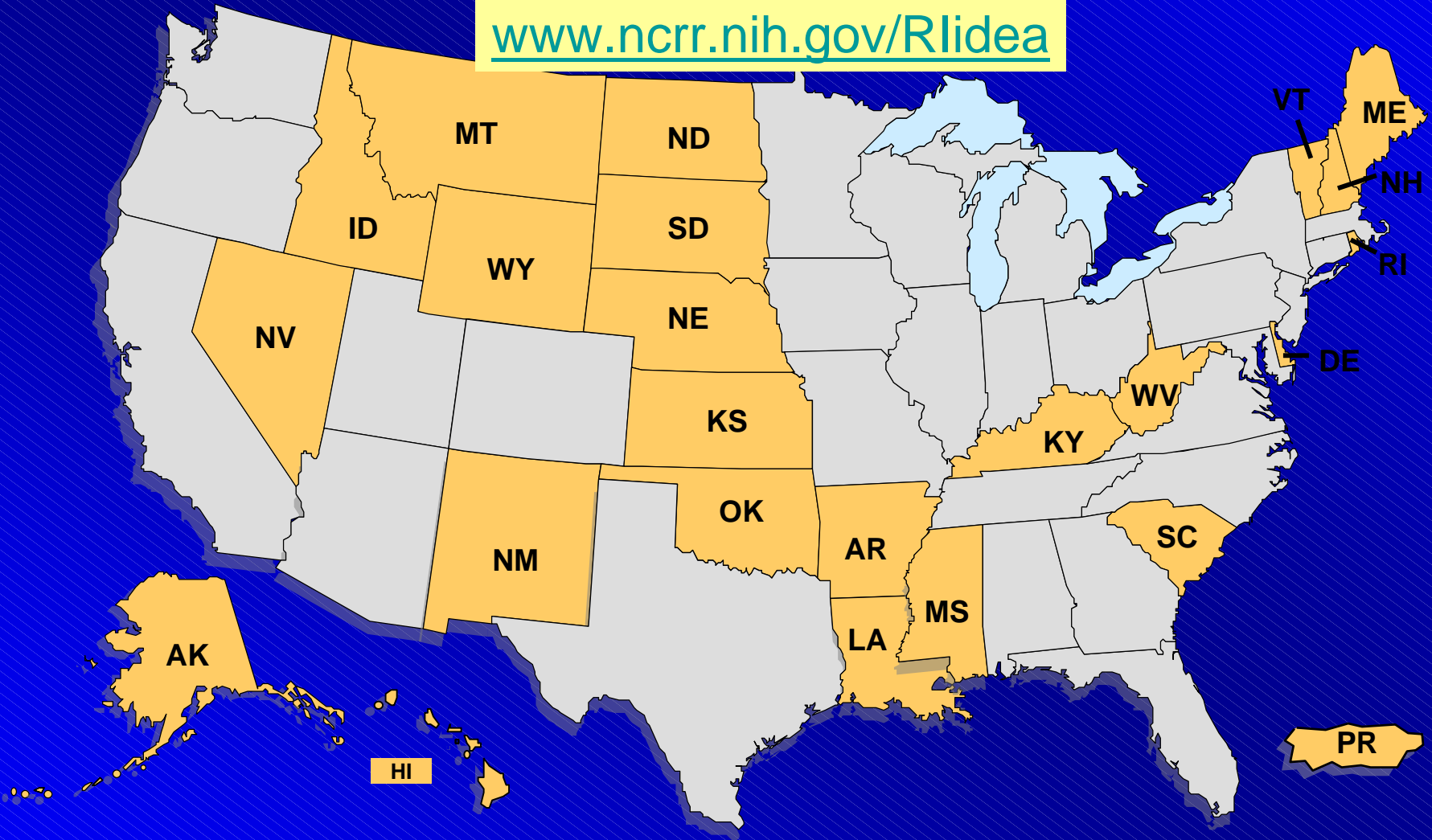


*Davidson, M.B. et al. Effect of a Nurse-directed Diabetes Management Program on Urgent Care/Emergency Room Visits and Hospitalizations in a Minority Population. *Diabetes Care*. 30(2):224-227, 2007.

Institutional Development Awards (IDeA)

Increasing research capacity in 23 underserved states and Puerto Rico

www.ncrr.nih.gov/Rlidea



 IDeA-eligible states



IDeA Centers of Biomedical Research Excellence (COBRE)

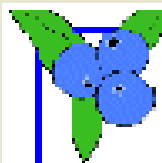
- Multidisciplinary centers with a thematic scientific focus
- Led by established investigator, funded by NIH or other comparable Federal or private-sector sources
- Three to five sub-projects supervised by junior investigators (have not been PI on major research grant)
- Clear plans for mentoring, career development, and graduation and replacement of junior investigators
- Long-term plans for developing and sustaining the center, investigators, collaborations, and physical infrastructure



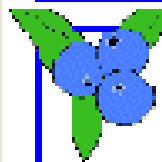
CENTER FOR ALASKA NATIVE HEALTH RESEARCH

A Program of the University of Alaska

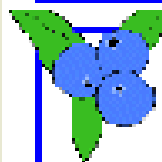
"...To build and increase research capacity to help improve the health of Alaska Natives."



Diet & Nutrition
Knowledge



Genetics of Obesity



Cultural Under-
standings of Health

February 2007

INTERNATIONAL JOURNAL OF
CIRCUMPOLAR
HEALTH



<http://www.alaska.edu/canhr/>

Now accepting new COBRE grant applications

PAR-07-029 released February 22, 2007

<http://grants1.nih.gov/grants/guide/pa-files/PAR-07-229.html>

Receipt dates-

Letters of Intent:

- September 24, 2007
- September 29, 2008
- September 28, 2009

Applications:

- October 24, 2007
- October 29, 2008
- October 28, 2009



NCCR Workshops

<http://www.esi-bethesda.com/ncrrworkshops/workshops.htm>

Fostering Collaborative Community-Based Clinical and Translational Research

- May 15, 2007, Bethesda MD
- September 14, 2007, Los Angeles CA

200+ partners and participants including:

- Academic health researchers
- Community health care providers
- Community advocacy organizations
- State and local public health departments
- Federal agencies (AHRQ, CDC, HRSA, IHS)

NCRR Workshops- Key Recommendations

- Building partnerships takes mutual commitment, patience, practice, and time; defining effective approaches for achieving success *in various community contexts* is a top research priority
- Develop or enhance existing community-based infrastructure to foster and sustain integrated community-campus research networks
 - People
 - Tools and technology
 - Administrative (e.g., workflow, indirect cost recovery)

NCRR Workshops- Key Recommendations

- Encourage communities to identify their own research needs, and use planning grants to support development of appropriate partnerships, followed by implementation grants to conduct studies and disseminate results
- Award grants to community-based organizations with academic health centers as partners
- Build health outcomes measures into protocols & evaluations so that NIH-funded projects can document community impact

NCRR Workshops- Key Recommendations

- Place more emphasis on health promotion, disease prevention, and health services research, especially in medically underserved communities where health disparities persist
- Ensure that accountability to the community extends beyond initial stages of research, to include dissemination of research findings
- Work closely with health care payers (e.g., HRSA, CMS, private insurers) to improve translation of knowledge into practice